

Let's face it - nobody installs photovoltaic panels expecting to find them collapsed like a house of cards after a heavy snowfall. Yet here we are, staring at twisted aluminum frames and shattered silicon ...

The latest draft of the bill is broadly negative for clean energy, but it is particularly damaging to residential solar, cutting federal tax credits far sooner than expected.

Hail is becoming a prominent issue for the PV industry as more sites are being built in the central U.S. -- a hail-prone region -- and modules are moving towards larger formats with thinner ...

Provides an overview of the areas of the United States most at risk from severe winter weather and summarizes various approaches that can be taken to address these hazards throughout the entire ...

The California Solar & Storage Association reports that the fallout includes thousands of stalled projects, over 17,000 industry layoffs, and a wave of high-profile bankruptcies. While stronger ...

This research includes development of best practices for resilient PV systems to ensure solar PV technologies are available when most needed--after disruptive events. Renewable energy ...

From hail damage and battery fires to underperforming PV assets, the report covers how and why many failures occur and which design assumptions no longer hold up in real-world ...

This paper establishes a framework for integrating resilience into all facets of solar PV system design and operation, thereby ensuring the long-term sustainability, efficiency, and efficacy of ...

Clean Energy Associates (CEA) is receiving more calls from solar developers concerned about warehouse panel damage. CEA senior engineering manager Claire Kearns-McCoy explains ...

Though solar represented just 3.4% of the nation's electricity generation in 2022, studies show that rooftop solar could eventually meet residential electricity demand in many states if...

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